

A3 cooled to form a homogeneous solution, and then, heated again to precipitate a copolymer.

A4 18. The method according to claim 1 wherein the organic solvent is removed while maintaining the copolymer, produced by copolymerizing the alkyl vinyl ether and maleic anhydride in the presence of a free radical initiator, in the temperature range of 50 to 85 °C.

19. The method according to claim 1 wherein the organic solvent is removed while maintaining the copolymer, produced by copolymerizing the alkyl vinyl ether and maleic anhydride in the presence of a free radical initiator, in the temperature range of 70 to 85 °C.

25. The method according to claim 23 wherein the heating treatment in the posterior processes to the polymerization process is carried out under an inert gas atmosphere.

26. The method according to claim 23 wherein the heating temperature in the posterior processes to the polymerization process is 60 °C or higher.

27. The method according to claim 23 wherein the posterior processes to the polymerization process are a solvent removal process and/or a drying process, in addition thereto, a granulation process, a blending process, a transportation process and/or a storage process which are optionally installed.

28. The method according to claim 23 wherein the alkyl vinyl ether is methyl vinyl ether.